



# Cloud-Based Offset & Digital Color Management Software

## Color Management & Workflow

Product Guide



# Why Fujifilm?

Fujifilm believes that our collective future of print is based on dynamic collaboration. Therefore, you deserve a partner who understands where you have been, where you are currently, and where you want to go. Fujifilm's business is anchored to the traditions of our industry and the historical relationship we have with the print community. When we combine our history of innovation and our commitment to product development with our enthusiasm for our customers' success, together we can achieve any vision you have for your company.

The image shows the letters 'FUJIFILM' in a large, bold, 3D font. The letters have a grainy, metallic texture and are set against a dark background. The 'F' is on the left, followed by 'U', 'J', 'I', 'F', 'I', 'L', and 'M' on the right. The letters are slightly offset from each other, giving a sense of depth.



### History of Innovation

The Fujifilm difference is supported by 4 pillars of strength. Our long history and countless milestone achievements are proof of both our longevity and dedication to this amazing industry. Fujifilm grew up in this business and there is no substitute for the collective experiences we have had and the depth to our understanding of the business. Our portfolio truly spans the entire print industry and is purely the result of the other pillars. Our history of innovation drives a culture of progress.

### Global Strength

The culture within Fujifilm is rooted in respect and innovation. The care with which we engage clients and investment in solutions has been critical to our ability to create advances in technology and infrastructure. Being devoted to traditional business processes allows us to align with traditional hierarchy while also being innovative and disruptive. Our approach is born from mutual respect for others and a willingness to drive change.

### Local Partner

Fujifilm Graphic Communication Division (GCD) is full of passionate team members. While globally, Fujifilm invests in Research & Development at a frenetic pace (\$7 million dollars per day), locally, Graphics Communication Division (GCD) embraces a culture of relentless service & support. When it comes to innovation, we develop all our technology in house including printheads, inks, inkjet technology and image processing systems. And there is no better place to witness this than our remarkable Innovation Lab. Located in our North American Headquarters in Hanover Park, Illinois, just 30 minutes west of Chicago, the Fujifilm Graphics Innovation Hub (GIH) is here to showcase for you the newest innovations from Fujifilm's Graphic Communication Division. The GIH demonstrators have industry experience and are experts in the operation and use of our print equipment.

### Broad Portfolio

The Fujifilm portfolio is broad and is the result of our history of innovation, our corporate reach, and our local connections. The breadth of our portfolio aims to fulfill every sector of the print market and continues to grow as our customer's needs grow. We aim to support the most progressive leaders, the maniacally detailed operators, the environmentally conscious, and the creatives that realize the impact that print can have on brand equity.



# We know color

Fujifilm has built phenomenal expertise in image optimization, color management and print production workflows thanks in no small part to its origins in 1934 as a photographic company.

Today, this expertise is built into all Fujifilm digital print solutions, whether that is in the image optimization, screening algorithms and color management processes, or increasingly in new forms of workflow management and artificial intelligence.

Fujifilm has continued to invest significantly in workflow solutions for commercial printing. Back in 2005, Fujifilm launched XMF Workflow — a completely new offset workflow built from the ground up around the new PDF Print Engine from Adobe. This is now complemented by the launch of our new digital print workflow XMF PressReady, which automates many aspects of digital and hybrid production, and provides the foundations for the smart factory of the future.



New developments in AI (Artificial Intelligence) automatically determine the scene for each photographic image on the page and make appropriate corrections.





# Color management & workflow







# XMF PressReady

## Advanced digital workflow

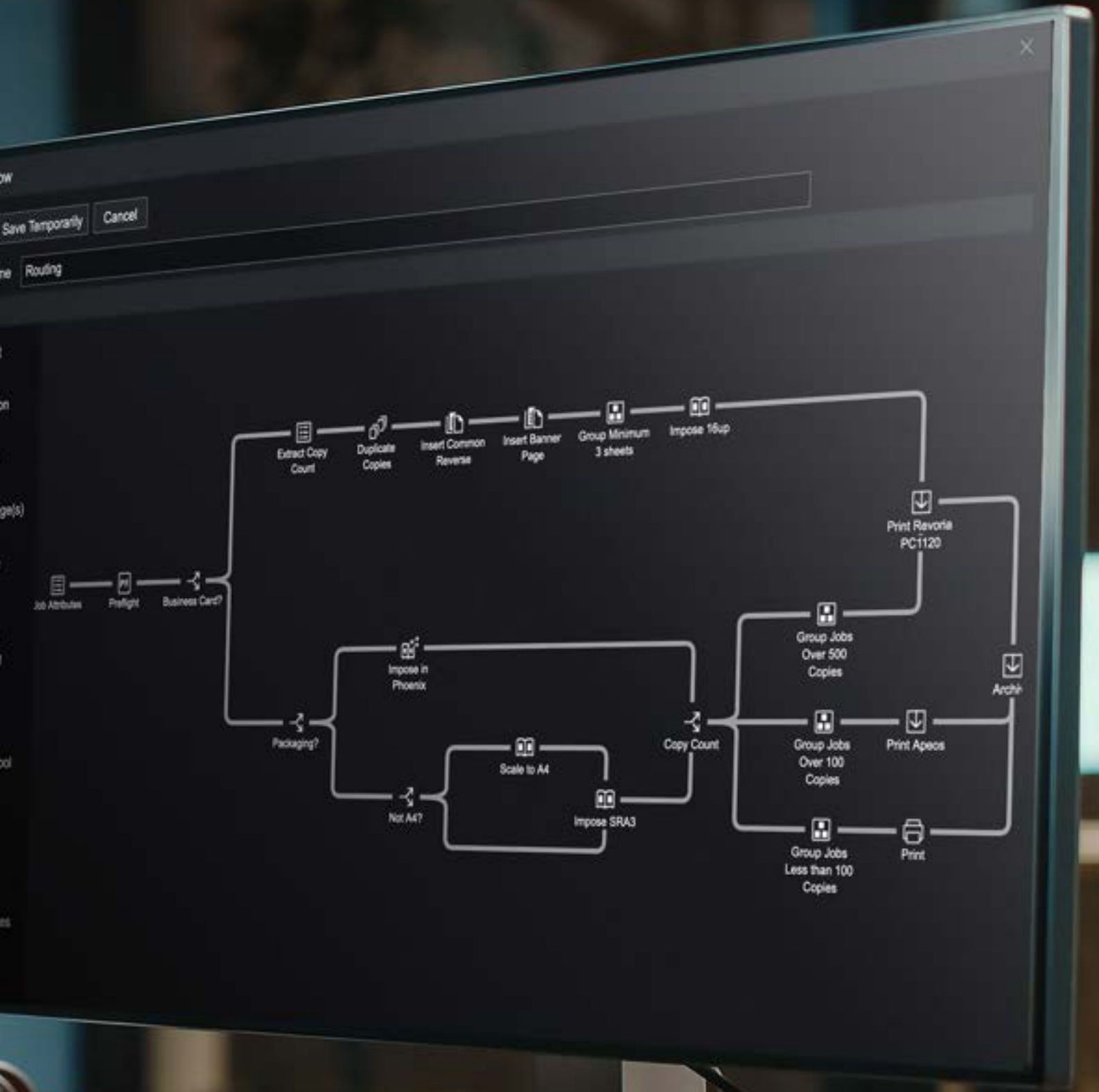
Fujifilm's XMF PressReady is a revolutionary digital print production workflow system to receive, pre-flight, impose, group, sort and deliver "Press Ready" jobs to digital presses using automated production flows. It allows print service providers to automate ordinary and repetitive tasks, allowing press operators to focus on more important aspects of the production process.

## Conditional automation

Able to integrate seamlessly into a range of established workflow environments, XMF PressReady offers multiple workflows that can be configured to make production decisions based on size, quantity, media, and page count. XMF PressReady eliminates the need for manual intervention, saving valuable time and reducing the possibility of operator error.



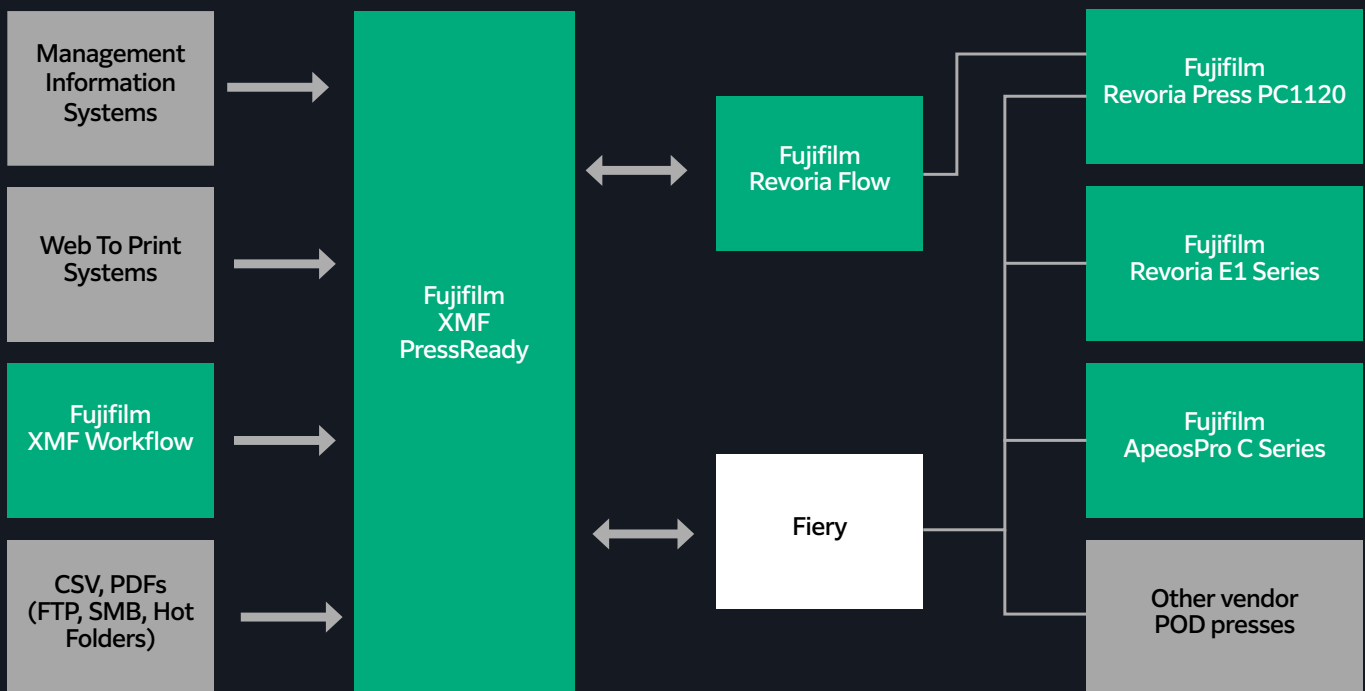






# XMF PressReady is unique in integrating not only with Revoria digital presses, but any connected digital press using a Fiery DFE

## XMF PressReady connectivity







Layout

Marks and Slugs

Margin

### Hybrid digital & offset print production

XMF PressReady integrates with Fujifilm's established and respected XMF Workflow system, allowing print businesses to manage both offset and digital production via one integrated workflow, making it an ideal solution for those who offer hybrid printing services. When used in combination with Fujifilm's Revoria Press PC1120 and Revoria Flow DFE, XMF PressReady can completely automate the flow of print work from order intake to printed product by preconfiguring and automating the flow of work through the Revoria Flow DFE.

### Print management across all vendor presses

XMF PressReady is unique in integrating not only with Revoria digital presses, but any connected digital press using a Fiery DFE. This allows print service providers to manage digital presses from multiple vendors using one system, giving visibility of the print job status, the print job queue, media information, ink levels and much more.

### Streamline production

Fujifilm's XMF PressReady brings a new level of efficiency to digital print production, providing print service providers with a powerful, flexible, and efficient workflow system that can automate processes, streamline production, and save valuable time by minimizing errors.

### Key features

- Job input from multiple sources (PDF, JDF via MIS, W2P, CSV, XMF, SMB)
- Workflow front end to Revoria Flow and Fiery DFEs
- Deep integration with Revoria Flow and Fiery DFEs
- Automated flow from XMF Workflow to a digital press
- Print automation via "conditional branching"
- Job grouping and imposition to create print-ready layouts
- Addresses the needs of hybrid offset & digital and digital-only printers
- Offers a step towards a "smart factory" concept
- Supports other vendor POD presses via the Fiery DFE and PDF out
- Built by a company with over 20 years of experience in developing digital print workflows

# XMF Workflow

**Advanced, high performance workflow solution to maximize production efficiencies**

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## **Built to optimize offset print production**

XMF Workflow is a fully integrated print production workflow system designed to manage all aspects of production, from job submission through to printing. Applications such as job submission, pre-flighting, proofing, color management, imposition, in-rip trapping, ink optimization and the output of plates are all managed from within the core XMF Workflow. The introduction of XMF Workflow to your business can have a huge impact on optimizing production efficiencies and maximizing profitability.

## **Automate production**

XMF provides extensive workflow automation. This is not just limited to automating the flow of work throughout the workflow itself, but also extends to full automation from various MIS systems. Job information from an MIS system can be used automatically by XMF to determine how a job is imposed and output without the need for any manual intervention. If you are looking to maximize automation, XMF is the perfect solution.





### Minimize supplied file errors

Within the XMF Workflow system, a module called XMF Remote provides an online portal where work can be effortlessly supplied into the workflow either from a customer service team or directly from print buyers. The advantage of this process is that jobs supplied this way are pre-flighted as they are submitted online. This means they are checked at the very beginning of the production flow, ensuring that once jobs are submitted and approved to be released to the main workflow, any file errors have already been fixed minimizing any delays within the production schedule.

# XMF Workflow

## Reduce job preparation times

Easily organizing and managing PDF pages within a workflow system is critical in preparing work to be printed. XMF provides a clear 'one screen' workflow where PDF files are imported, organized in sections and are applied to position layouts quickly and easily. Job preparation time is kept to an absolute minimum.

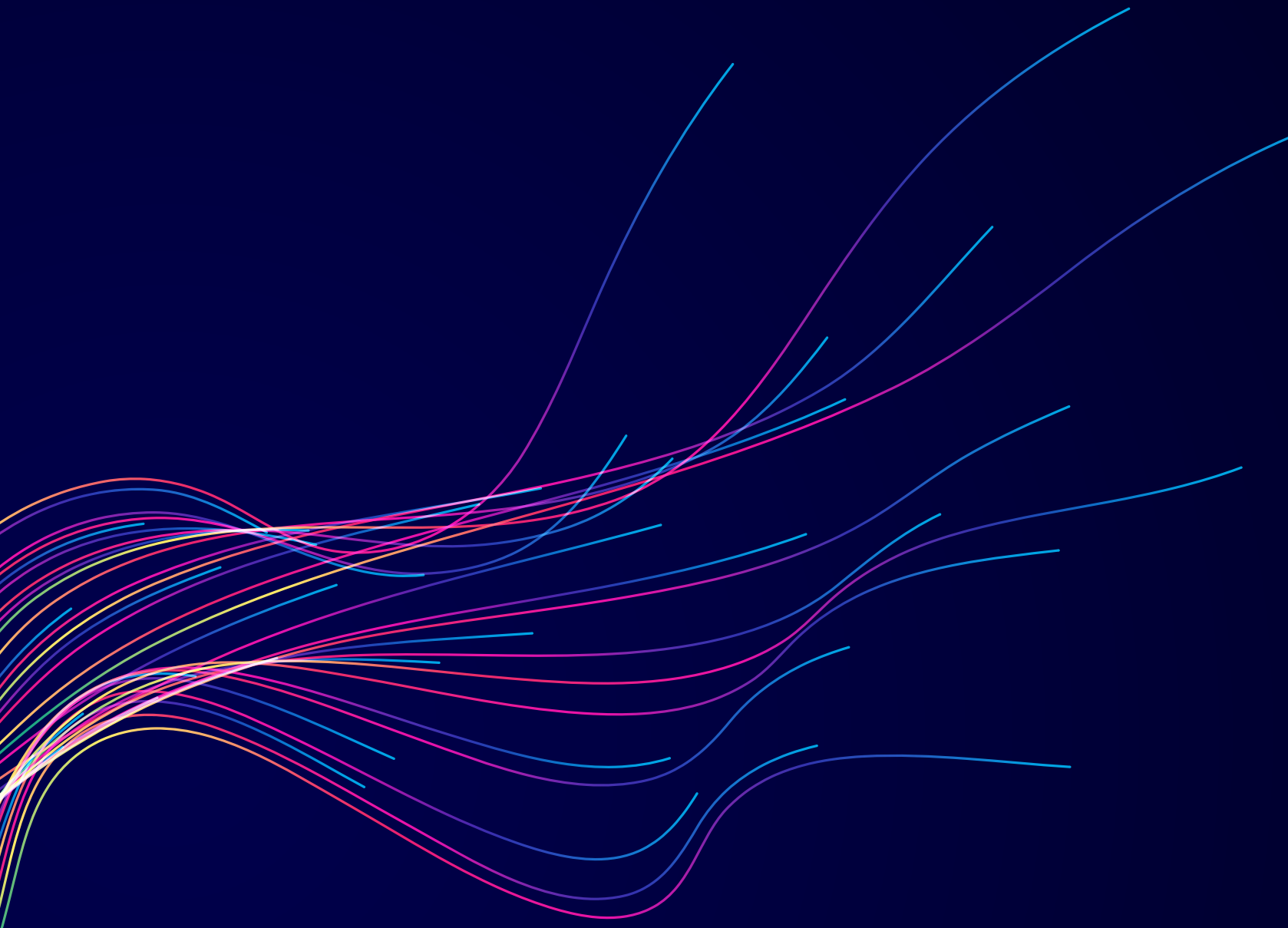
## Speed up complex impositions

Building imposition layouts for non-standard jobs, especially for jobs that are printed across different presses of different sizes can be complex. This is handled easily within XMF via the XMF Imposition module. Using what we refer to as 'XMF Pagination Mode' allows complex impositions to be constructed quickly and easily, a move away from the complexity of settings required in traditional imposition applications.

### Key features

- Based on the Adobe Mercury Architecture for APPE (Adobe PDF Print Engine)
- Powerful and flexible imposition module for offset sheet and web printing
- Integrated preflighting, screening and color management
- 3D proofing
- Connectivity to print MIS systems
- Support for PDF/VT variable data printing





### **Handle late changes quickly and easily**

Even though full automation is possible with XMF, offset print production is renowned for changes being made to print jobs once they are in production. Switching a job to a different press or inserting pages containing last minute corrections can be handled with ease. XMF has been designed to deliver production automation but can equally provide the flexibility when production scheduling does not go to plan.

### **Process jobs at maximum speeds, whatever the size**

What assists XMF Workflow in meeting tight production deadlines is the underlying Adobe Mercury Architecture for the APPE (Adobe PDF Print Engine). This is an advanced implementation of APPE that allows XMF to run as many instances of the APPE as a job requires, spawning extra APPEs automatically as and when the production load increases. This ensures XMF always automatically makes use of all the processing power available within the PC server hardware.

# XMF ColorPath SYNC

## Cloud-based color management for offset and digital printing

Fujifilm's cloud-based color management system allows printers to create optimized color profiles and calibrations to print to various standards, and provides tools to ensure that over time the standards are continually adhered to.

### Manage and monitor color performance

The ability to provide color managed output is also managed within XMF. However, the key to good color management is the creation of accurate device link color profiles, the ability to easily print to ISO standards, and above all to have a system that makes it easy to check and verify that standards are continuously being met. All of this and more is achieved with XMF ColorPath, Fujifilm's cloud-based color management solution. Optimized curve data and ICC profiles can be quickly and easily created in the cloud and deployed for everyday production within XMF Workflow.

### Rest assured you are in safe hands

XMF Workflow is a proven workflow system for offset print production and Fujifilm's J Press series. Thousands of customers all over the world rely on XMF Workflow to manage their production needs every day.

### Key features

- Cloud-based color management
- Align offset and digital presses to ISO or G7 standards
- Optimize ink usage while maintaining conformance to ISO and G7 standards
- Create optimized color profiles to allow for GRACoL and FOGRA standard proofing
- Verify if digital proofs and prints are within the tolerance limits of industry standards

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# XMF ColorPath Brand Color Optimizer

## Accurate management of vibrant spot colors across multiple printing platforms

### Ensure spot colors are reproduced as accurately as possible

Taking advantage of very wide color gamuts already offered by devices such as the J Press 750HS, XMF ColorPath SYNC Brand Color Optimizer fine tunes the ability to simulate spot colors on inkjet and digital devices and ensures that every spot color is reproduced as accurately as possible. Brand Color Optimizer can be used to optimize any color library, including Pantone, HKS and Toyo, to name a few.

### Ultra-fast calibration process and easy to use

The process of calibration is ultra-fast, with it being possible to calibrate an entire Pantone color library in less than an hour. Brand Color Optimizer measures and optimizes every single color within the library. In addition, because spot colors are managed separately from regular CMYK colors, managing process color and spot colors accurately in the same job is a snap.

### Expands color printing possibilities on the J Press

Brand Color Optimizer expands the types of color printing possible on the J Press 750HS, with the following all achievable: ISO 12647-2 and ISO/PAS 15339 printing; ISO 12647-2, ISO/PAS 15339 and spot color printing; wide gamut printing.

### Reduce expense of operating additional ink colors

The wide color gamut achievable on CMYK digital presses such as the J Press 750HS allows 90% of the Pantone library to be accurately printed to a  $\Delta E_{00}$  of less than 3, reducing the cost and complexity of having to use additional inks.

### Find out which Pantone colors can be printed before printing

Unique to XMF ColorPath Brand Color Optimizer is the ability it provides for users to predict, before printing, which press, ink and substrate combination allows the spot colors to be accurately reproduced.

# XMF ColorPath SYNC Brand Color Optimizer allows the printing of brand colors with unbeatable accuracy on a range of digital and offset print devices.

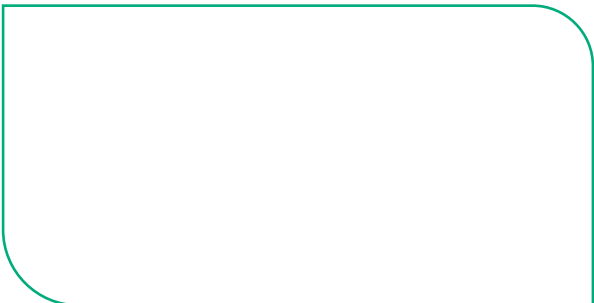
## Key features

- Ensure spot colors are produced as accurately as possible
- Ultra-fast calibration and easy to use
- Allows the following printing possibilities:
  - ISO 12647-2 and ISO/PAS 15339 printing
  - ISO 12647-2 and ISO/PAS 15339 + spot color printing
  - Wide Gamut Printing
- Achieve up to 90% of the Pantone library on Fujifilm J Press presses
- Establish which spot colors can be printed accurately

PANTONE® is the property of Pantone LLC.



Find more information at:  
[print-us.fujifilm.com](http://print-us.fujifilm.com)



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